

BUILDING CODE COMPLIANCE OFFICE

METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1603 MIAMI, FLORIDA 33130-1563

(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION (305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION (305) 375-2966 FAX (305) 375-2908

> PRODUCT CONTROL DIVISION (305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

KML Windows, Inc. 23 Buchanan Court London, On N5Z 4P9

Your application for Notice of Acceptance (NOA) of:

Aluminum Clad Wood Operable Casement Window - Non-Impact & Impact Resistant under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-1030.05 EXPIRES: 09/27/2004

Raul Rodriguez

Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.

Prancises Quintera

Director

Miami-Dade County

Building Code Compliance Office

APPROVED: 09/27/2001

KML Windows, Inc.

ACCEPTANCE No.: 00-1030.05

APPROVED

SEP 2 7 2001

EXPIRES

SEP 27 2004

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

1.1 This approves a wood casement window, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

2.1 The Aluminum Clad Wood Operable Casement Window—Non-Impact and Impact Resistant and its components shall be constructed in strict compliance with the following documents: Drawing No 1003C, Sheets 1 thru 10 of 10, titled "Aluminum Clad Wood Operable Casement Window (DADE)," prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 9/25/00, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

3.1 This approval applies to single unit applications and side-by-side installations, as shown in approved drawings.

4. INSTALLATION

- 4.1 The wood casement window and its components shall be installed in strict compliance with the approved drawings.
- **4.1** Hurricane protection system (shutters): to determine whether the installation requires a hurricane protection system or not, see corresponding table in approved drawing.

5. LABELING

5.1 Each window unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
 - **6.1.1** This Notice of Acceptance.
 - 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
 - 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Manuel Perez, P.E. Product Control Examiner

Product Control Division

KML Windows, Inc.

ACCEPTANCE No.: 00-1030.05

APPROVED

SEP 2 7 2001

EXPIRES

SEP 2 7 2004

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.

- 2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
- 3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
- 4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
- 5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process,
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
- 6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
- 7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
- 8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
- 9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Manuel Perez, P.E., Product Control Examiner

Product Control Division

KML Windows, Inc.

ACCEPTANCE No.: 00-1030.05

APPROVED

: SEP 2 7 2001

EXPIRES

: SEP 2 7 2004

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A DRAWINGS

1. Manufacturer's die drawings and sections.

2. Drawing No 1003C, Sheets 1 thru 10 of 10, titled "Aluminum Clad Wood Operable Casement Window (DADE)," prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 9/25/00, signed and sealed by Warren W. Schaefer, P.E.

B TESTS

1. Test reports on:1) Air Infiltration Test, per SFBC, PA 202-94.

- 2) Uniform Load Static Air Pressure Test, per SFBC, PA 202-94.
- 3) Water Resistance Test, per SFBC, PA 202-94.
- 4) Forced Entry Resistance Test, per AAMA 1302.5.
- 5) Large Missile Impact Test, per SFBC, PA 201-94.
- 6) Cyclic Wind Pressure Loading Test, per SFBC, PA 203-94.

along with installation diagram of aluminum clad wood operable casement windows of different shapes, prepared by Intertek Testing Services, Inc., Report No. ITS-J990225770-231-05, dated October 10, 2000, signed and sealed by Douglas Keith Tucker, P.E.

2. Test reports on 1) Air Infiltration Test, per PA 202-94

- 2) Uniform Static Air Pressure Test, Loading per PA 202-94.
- 3) Water Resistance Test, per PA 202-94.

along with installation diagram of aluminum clad wood operable casement windows of different shapes, prepared by Intertek Testing Services Inc., Test Report No. **J99022770-231-06**, dated October 11, 2000, signed and sealed by Douglas Keith Tucker, P.E Addendum letter dated March 20, 2001, signed and sealed by Douglas Keith Tucker, P.E

C CALCULATIONS

1. Anchor Calculations, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 9/25/00, signed and sealed by Warren W. Schaefer, PE.

D MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **96-0904.06** issued to E.I. DuPont DeNemours for "Laminated Glass with Butalite" dated 12/11/97, expiring on 12/11/00.
- 2. Notice of Acceptance No. **97-0527.04** issued to Nebula Glass International, Inc. for "Glasslam Safety-Plus Laminated Glass" dated 9/9/97, expiring on 9/9/00.

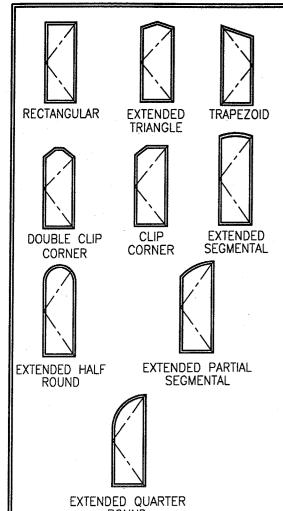
E STATEMENTS

1. Statement letter of conformance, dated 10/19/00, signed and sealed by Warren W. Schaefer, P.E.

2. Statement letter of no financial interest, dated 10/19/00, signed and sealed by Warren W. Schaefer, P.E.

Manuel Perez, P.E. Product Control Examiner

Product Control Division



ROUND SHAPES CONSIDERED AS PART OF THIS APPROVAL FOR BOTH IMPACT &

NON-IMPACT

GENERAL NOTES

- 1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLES.
- 2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS AS DETERMINED FOR EA. APPLICATION
- 3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
- 4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201, 202 & 203 FOR BOTH IMPACT & NON-IMPACT WINDOWS.
- 5. ALL JAMB TO BUCKING SHEAR FASTENERS MUST PENETRATE BUCK A MINIMUM OF 1 1/4". IF PENETRATION IS LESS THAN 1 1/4" THEN SCREW LENGTH SHALL INCREASE AS REQUIRED.
- 6. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE, 1994 EDITION.
- 7. THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS PA-201, PA-202 & PA-203 FOR LARGE MISSILE IMPACT, STRUCTURAL & CYCLIC TESTING.
- 8. FOR ALL NON-IMPACT WINDOWS, MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED.

NOTE: NUMBER OF LATCH POINTS & BUTT HINGES MAY VARY WITH UNIT HEIGHT PROVIDING END DISTANCES & SPACINGS DO NOT EXCEED THE MAXIMUMS SHOWN IN THESE ELEVATIONS.

NOTE: FOR COMBINATION OF UNITS, SEE SHT. 3 & MULLION DRAWING NO. 1003E UNDER SEPERATE APPROVAL.

LATCH & HINGE QUANTITY TABLE							
WINDOW HEIGHT	NUMBER OF LATCH POINTS REQ'D	NUMBER OF HINGES REQ'D					
36"	2	2					
42"	3	. 2					
48"	3	2					
54"	3	3					
60"	4	. 3					
66"	4	3					
73"	5	3					
78"	5	3					
84"	5	3					

- 1. IF THE WINDOW HEIGHT FALLS BETWEEN HEIGHTS IN THIS TABLE, THE TALLER TABLE HEIGHT SHALL BE USED.
- 2. THE MINIMUM NUMBER OF LATCH POINTS OR HINGES USED MAY NOT BE LESS THAN 2 FOR WINDOWS SHORTER THAN 36".

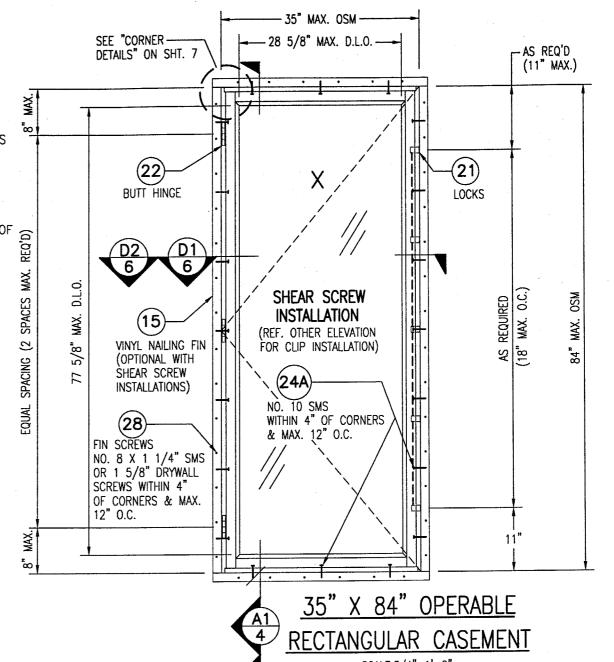
ALLOWABLE DESIGN LOADS							
NON-IMPACT UNITS	IMPACT UNITS						
	RECTANGULAR	SHAPED					
SEE "NON-IMPACT LOAD	WINDOW HEIGHT WINDOW HEIGHT 73" & LESS GREATER THAN 73	3"					
TABLE ON SHEET 9.	+65/-70 PSF +65/-56.6 PSF	+65/-50 PSF					

JAMB FASTENER MIN. EMBEDMENT INTO OPENING OR BUCK

NO. 10 SMS SCREWS INTO BUCK = 1 3/8" 1/4" TAPCON INTO CONCRETE/BLOCK = 1 1/4"

JAMB FASTENER MINIMUM EDGE DISTANCE AT OPENING OR BUCK

> WOOD BUCK = 1" CONCRETE/BLOCK = 2"



ALL ELEVATIONS VIEWED

FROM EXTERIOR

SCALE:3/4"=1'-0"

SEE "LATCH & HINGE QUANTITY TABLE" ON THIS SHEET FOR REQUIRED NUMBER OF LATCH POINTS &/OR HINGES FOR DIFFERENT WINDOW HEIGHTS.

> APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE SFP 2 7 2001) BY Mauriel Tires

PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO.00-1030-05

ALUMINUM Š ≯ ന AUG 1003C SHEET NO.

of 10

CKED BY: DATE: W.W.S. 09/25/00

N5Z4P9

COURT CANADA 12

BUCHANAN ONTARIO, (19)681-701

23 LONDON, (51

SCHAEFER ENGINEERING
SCHAEFER ENGINEERING
RECONSULTING, P.A.
O SANDTREE DRIVE; SUITE 2038
SENI - 2755-4902 FAX: 561-775-4903

800 BALM PALM

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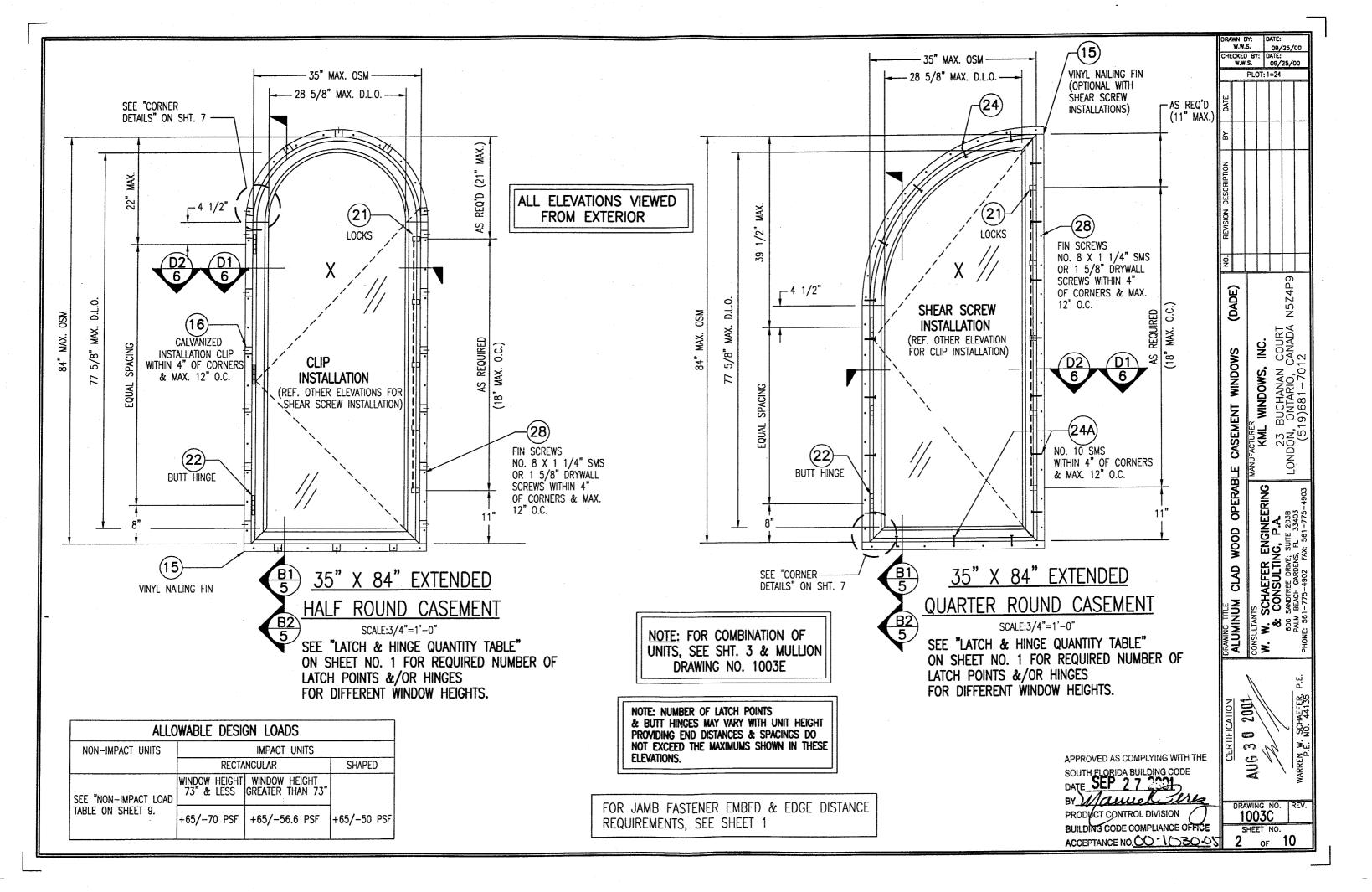
WINDOWS,

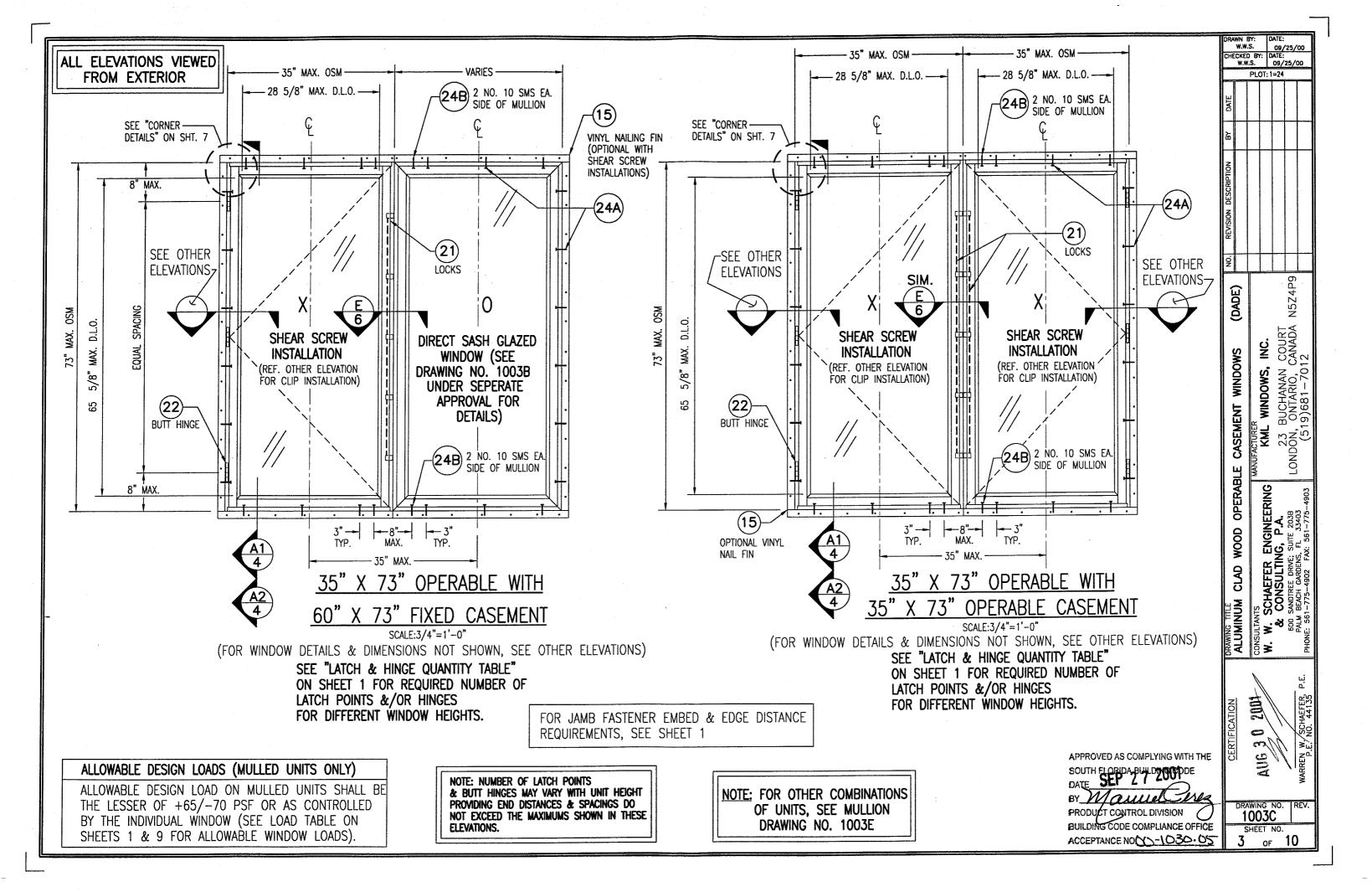
CASEMENT WINDOWS

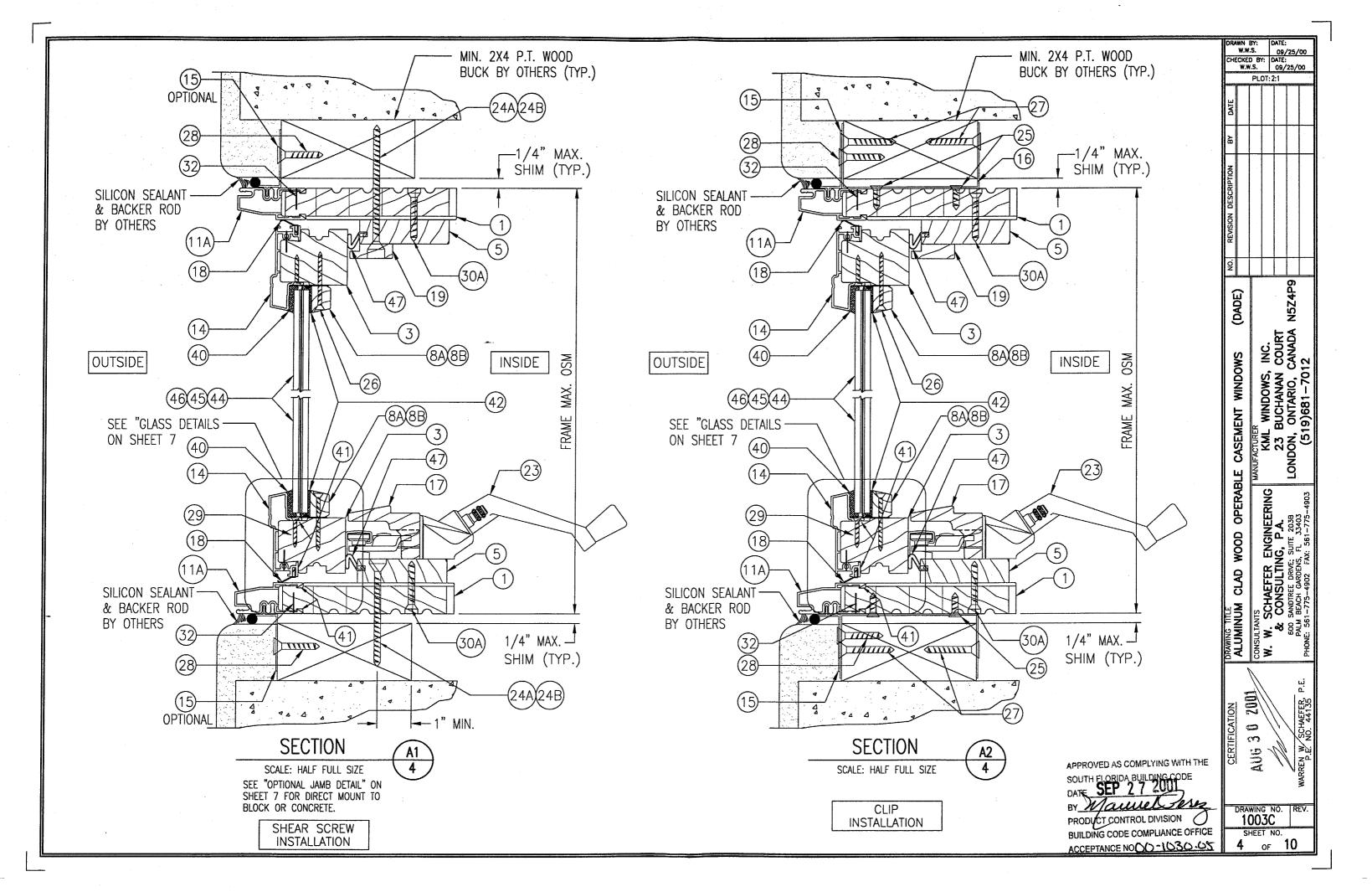
OPERABLE

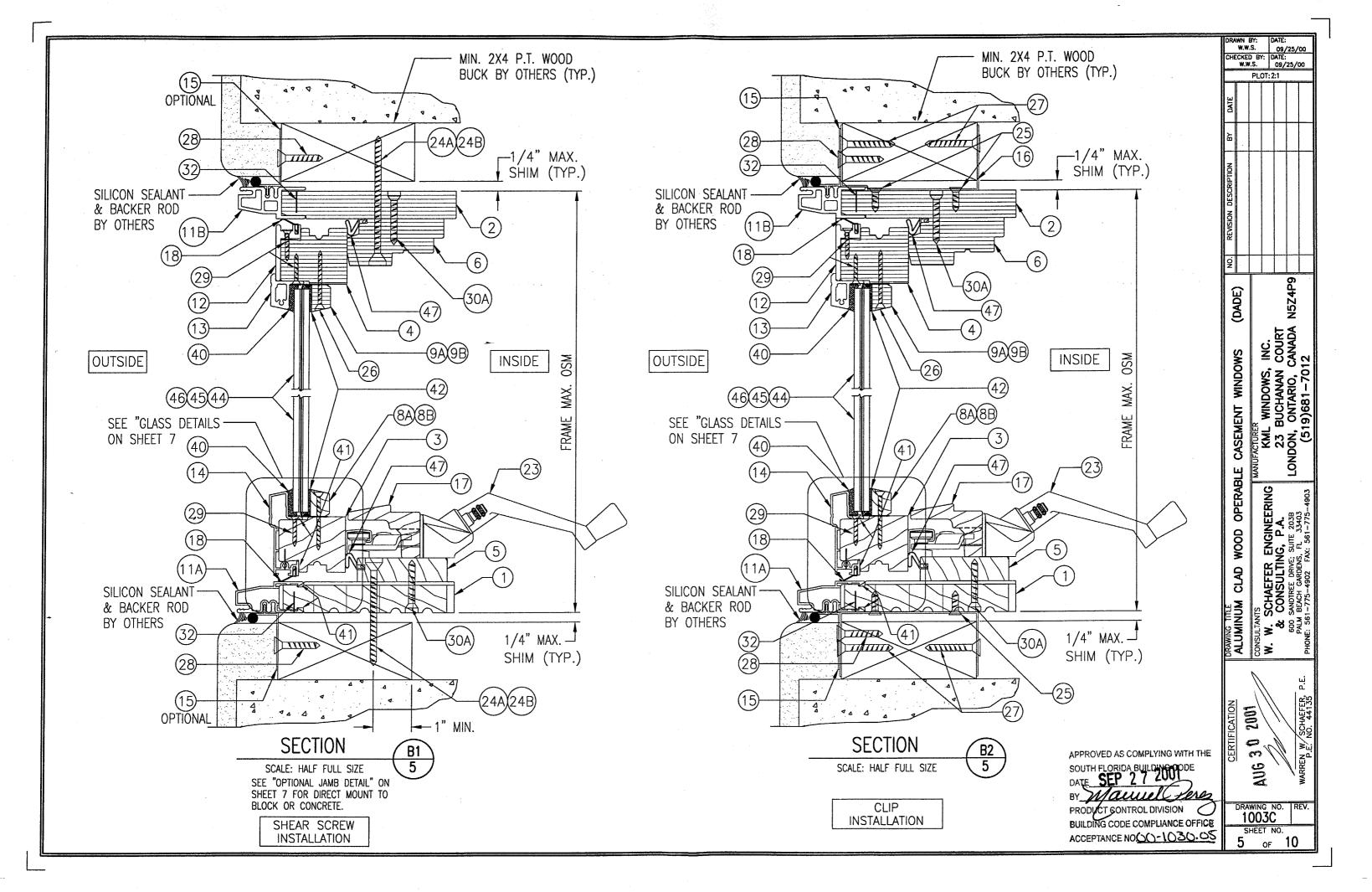
CLAD WOOD

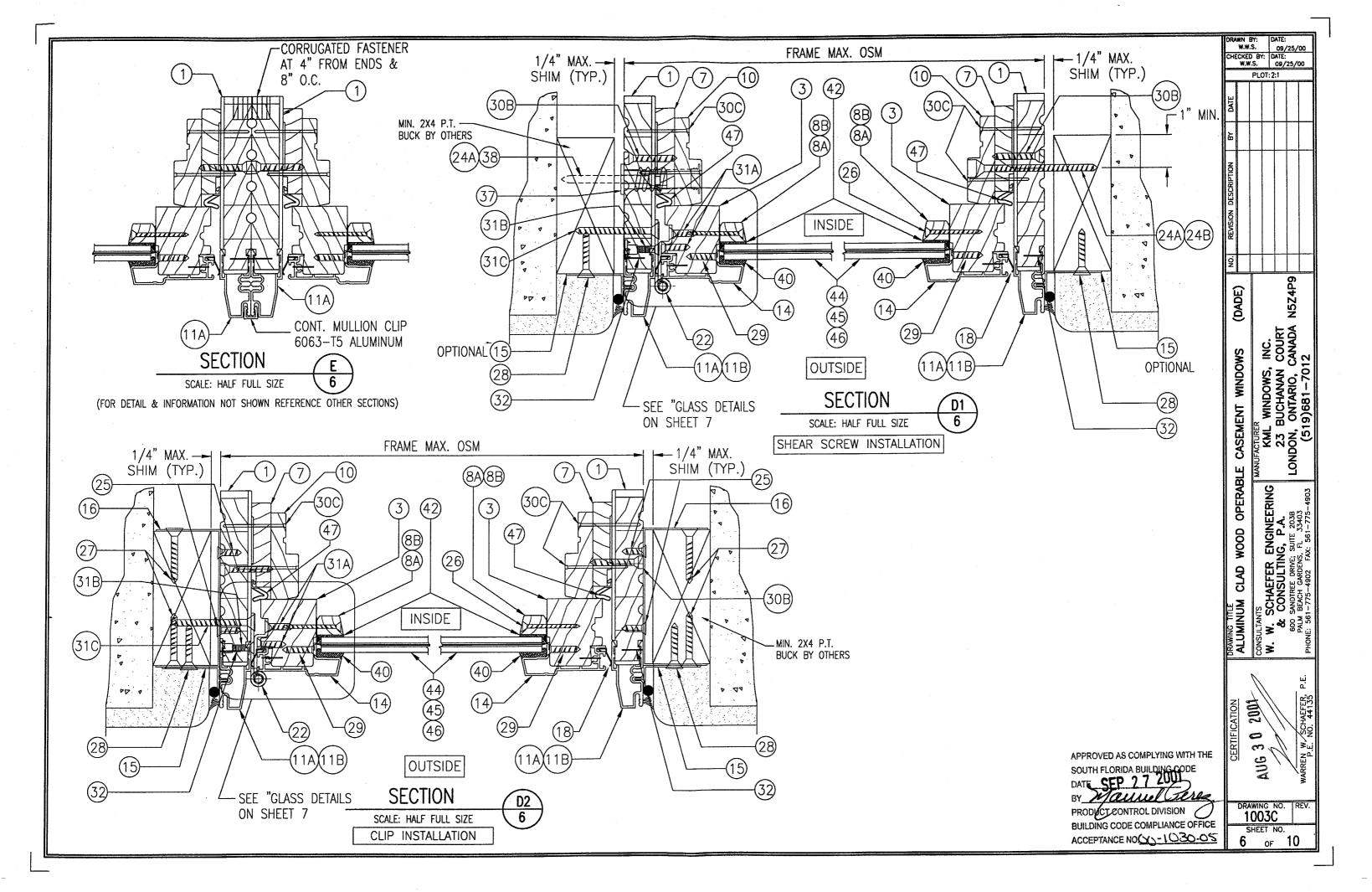
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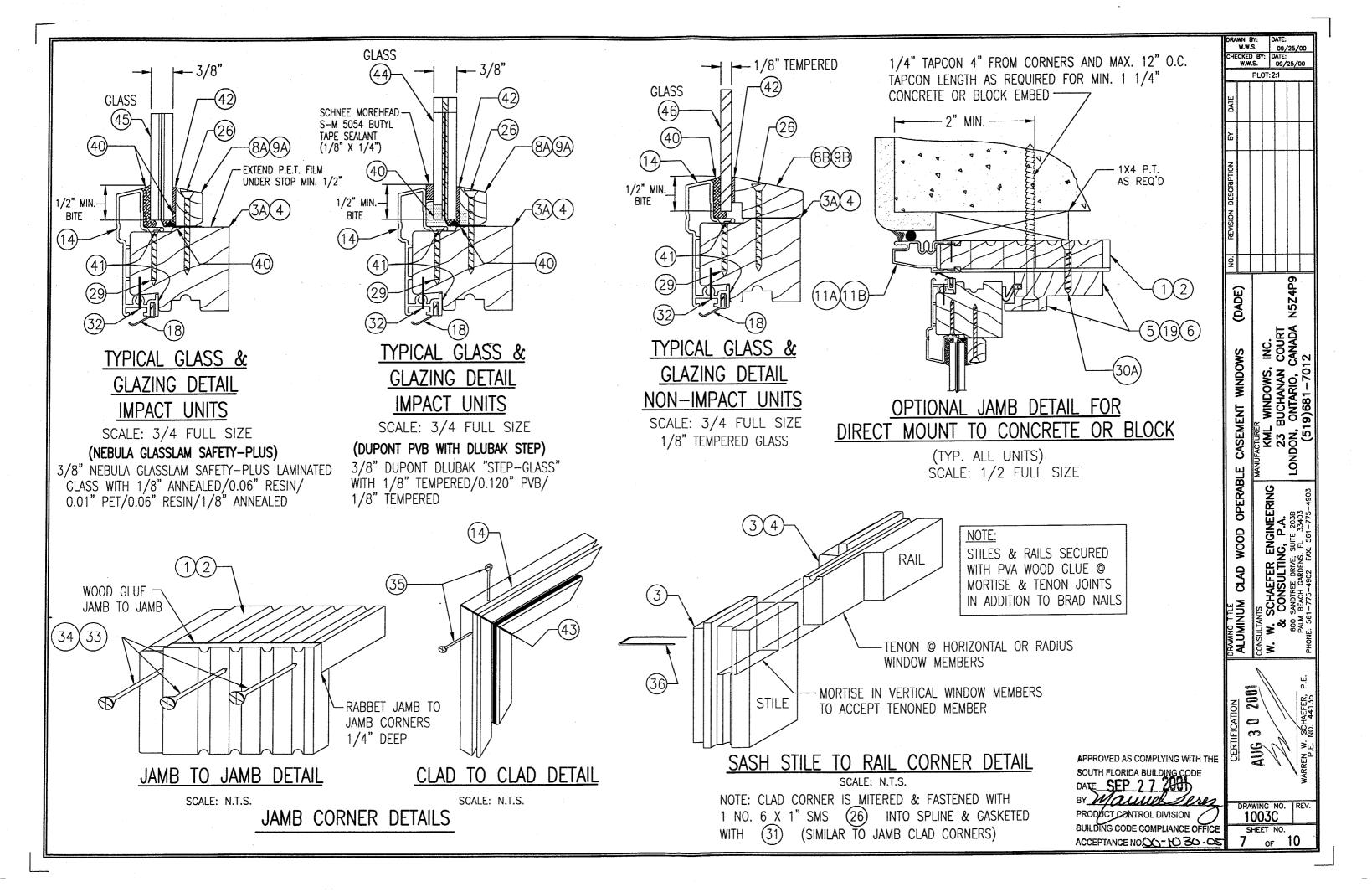


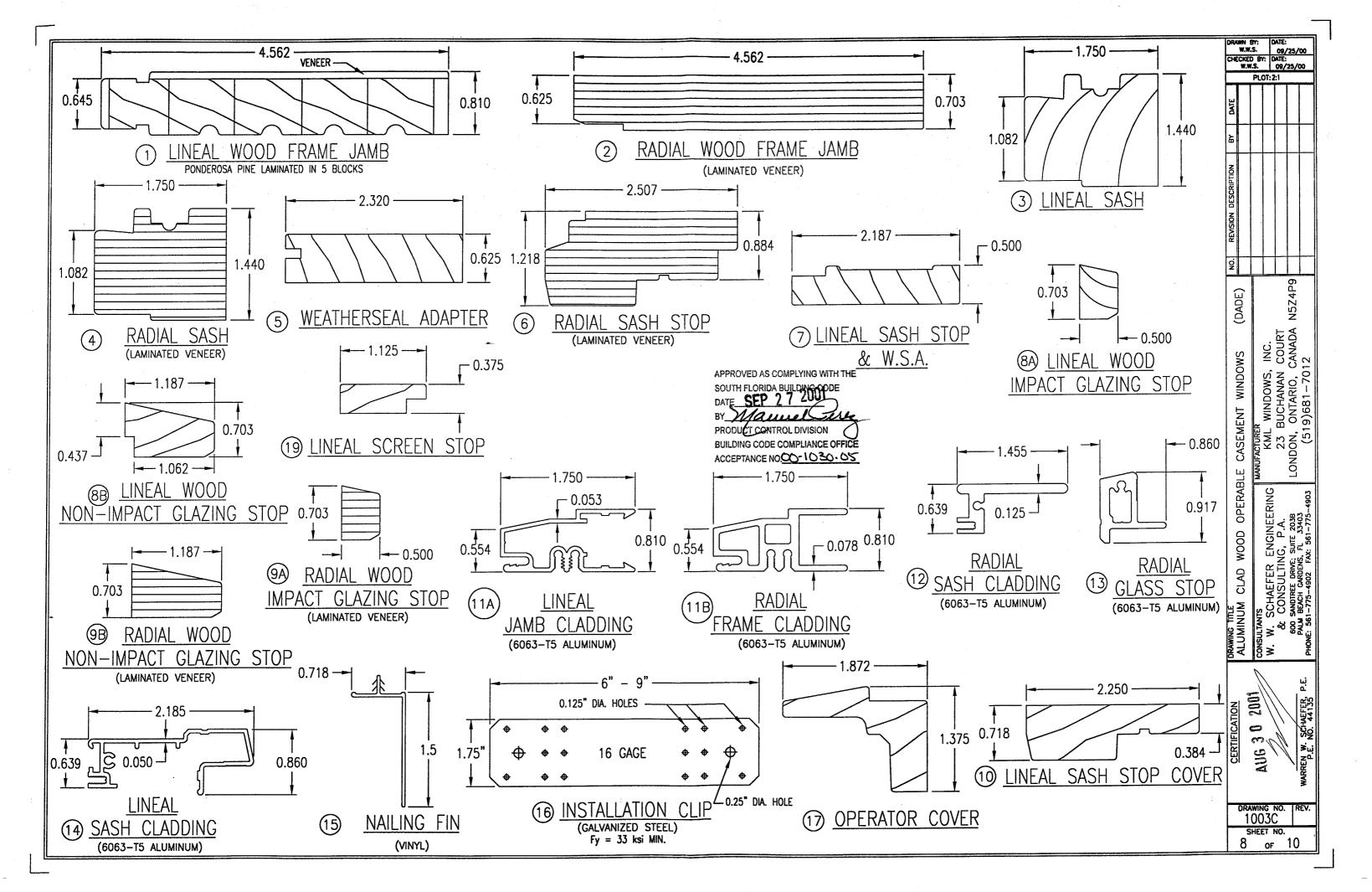












DESIGN LOAD CAPACITY (PSF) FOR NON-IMPACT WINDOWS

WINDOW SIZE (OSM)		RECTANGULAR		SHAPED		NUMBER OF	NUMBER OF		
WIDTH	HEIGHT	POS	NEG	POS	NEG	HINGES	LATCH POINTS		
20"		65.0	99.1	65.0	87.5	2	2		
24"		65.0	82.6	65.0	72.9	2	2		
28"	24"	65.0	70.8	65.0	62.5	2	2		
32"		65.0	61.9	65.0	54.7	2	2		
35"		65.0	56.6	65.0	50.0	2	2		
20"		65.0	99.1	65.0	87.5	2	2		
24"		65.0	82.6	65.0	72.9	2	2		
28"	30"	65.0	70.8	65.0	62.5	2	- 2		
32"	-	65.0	61.9	65.0	54.7	2	2		
35"		65.0	56.6	65.0	50.0	2	2		
20"		65.0	99.1	65.0	87.5	2	2		
24"		65.0	82.6	65.0	72.9	2	2		
28"	36"	65.0	70.8	65.0	62.5	2 .	2		
32"		65.0	61.9	65.0	54.7	2	2		
35"		65.0	56.6	65.0	50.0	2	2		
20"		65.0	99.1	65.0	87.5	2	3		
24"		65.0	82.6	65.0	72.9	2	3		
28"	42"	65.0	70.8	65.0	62.5	2	3		
32"		65.0	61.9	65.0	54.7	2	3		
35"		65.0	56.6	65.0	50.0	2	3		
20"		65.0	99.1	65.0	87.5	2	3		
24"		65.0	82.6	65.0	72.9	2	3		
28"	48"	65.0	70.8	65.0	62.5	2	3		
32"		65.0	61.9	65.0	54.7	2	3		
35"		65.0	56.6	65.0	50.0	2	3		
20"		65.0	96.2	65.0	85.0	3	3		
24"		65.0	82.6	65.0	72.9	3	3		
28"	54"	65.0	70.8	65.0	62.5	3	3		
32"		65.0	61.9	65.0	54.7	3	3		
35"		65.0	56.6	65.0	50.0	3	3		
20"		65.0	94.1	65.0	83.1	3	4		
24"		65.0	81.7	65.0	72.1	3	4		
28"	60"	65.0	70.8	65.0	62.5	3	4		
32"	ļ	65.0	61.9	65.0	54.7	3	4		
35"		65.0	56.6	65.0	50.0	3	4		

DESIGN LOAD CAPACITY (PSF) FOR NON-IMPACT WINDOWS

WINDOW SIZE (OSM)		RECTAN	IGULAR	SHA	PED	NUMBER OF	NUMBER OF
WIDTH	HEIGHT	POS	NEG	POS	NEG	HINGES	LATCH POINTS
20"		65.0	92.4	65.0	81.6	3	4
24"	1	65.0	79.9	65.0	70.5	3	4
28"	66"	65.0	70.8	65.0	62.5	3	4
32"	1	65.0	61.9	65.0	54.7	3	4
35"	1	65.0	56.6	65.0	50.0	3	4
20"		65.0	91.0	65.0	80.4	3	5
24"		65.0	78.4	65.0	69.2	3	5
28"	72"	65.0	69.5	65.0	61.4	3	5
32"	Ţ .	65.0	61.9	65.0	54.7	3	5
35"]	65.0	56.6	65.0	50.0	3	5
20"		65.0	89.9	65.0	79.4	3	5
24"	7	65.0	77.2	65.0	68.2	3	5
28"	78"	65.0	68.2	65.0	60.3	3	5
32"		65.0	61.7	65.0	54.5	3	5
35"	1	65.0	56.6	65.0	50.0	3	5
20"		65.0	89.0	65.0	78.6	3	5
24"		65.0	76.2	65.0	67.3	3	5
28"	84"	65.0	67.2	65.0	59.3	3	5
32"		65.0	60.6	65.0	53.5	3	5
35"	1	65.0	56.6	65.0	50.0	3	5

NOTES:

- 1. THE LOADS IN THESE TABLES ARE AS DETERMINED BY TESTING & COMPARATIVE ANALYSIS WITH THE CONTROLLING FACTOR BEING THE WORSE CASE OF: GLASS SIZE & AREA, UNIT AREA, NUMBER OF HINGES, NUMBER OF LOCKING POINTS, NUMBER OF SNUBBERS, OR FASTENER CAPABILITIES.
- 2. THE LOADS IN THESE TABLES ARE FOR NON-IMPACT RATED WINDOWS ONLY. FOR IMPACT WINDOWS, SEE DESIGN LOAD TABLE ON SHEET 1.
- 3. THE LOADS IN THESE TABLES MAY NOT BE INTERPOLATED.
- 4. FOR MULLED UNITS AND THERE ALLOWABLE LOADS, REFER TO SHEET 3 OF THIS DRAWING AND/OR MULLION DRAWING 1003E. NO INCREASE IN LOAD FOR JAMB TO JAMB UNREINFORCED MULLED UNITS IS ALLOWED OVER THAT SPECIFIED ON SHEET 3. IF WINDOW SIZE REQUIREMENTS & LOAD REQUIREMENTS DO NOT MEET THOSE SPECIFIED ON SHEET 3, A REINFORCED MULLION MUST BE USED IN ACCORDANCE WITH DRAWING 1003E.

CASEMENT WINDOWS 1003C of 10

W.W.S. 09/25/00 HECKED BY: DATE: W.W.S. 09/25/00

PLOT:FULL

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE SEP 27 ZUUT
BY Manuel Jeres
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO CO-1030-05

	MATERIAL LIST					
PART NO.	DESCRIPTION 1 NOTES					
	PARTS & EXTRUSIONS					
1	PF1010	LINEAL JAMB	SEE NOTE 1 THIS SHEET.			
2	PF1231	RADIAL JAMB	LAMINATED VENEER			
3	PF1007	LINEAL SASH	SEE NOTE 1 THIS SHEET.			
4	PF1015	RADIAL SASH	LAMINATED VENEER			
5	PF1024	WEATHERSEAL ADAPTER	SEE NOTE 1 THIS SHEET.			
6	PF1005	RADIAL SASH STOP	LAMINATED VENEER			
7	PF1351	LINEAL SASH STOP W.S.A.	SEE NOTE 1 THIS SHEET.			
8A	PF1011	LINEAL GLAZING STOP	SEE NOTE 1 (USE WITH IMPACT UNITS)			
8B	PF1008	LINEAL GLAZING STOP	SEE NOTE 1 (USE WITH NON-IMPACT UNITS)			
9A	PF1011	RADIAL GLAZING STOP	LAMINATED VENEER (USE WITH IMPACT UNITS)			
9B	PF1008	RADIAL GLAZING STOP	LAM. VENEER (USE WITH NON-IMPACT UNITS)			
10	PF1485	LINEAL SASH STOP\COVER	SEE NOTE 1 THIS SHEET.			
11A	PF1001	LINEAL JAMB CLADDING	ALUMINUM 6063-T5			
11B	PF1002	RADIAL JAMB CLADDING	ALUMINUM 6063-T5			
12	PF1018	RADIAL SASH CLADDING	ALUMINUM 6063-T5			
13	PF1017	RADIAL GLASS STOP	ALUMINUM 6063-T5			
14	PF1074	LINEAL SASH CLADDING	ALUMINUM 6063-T5			
15	PF1214 OR PF1326	VINYL NAILING FINS	OPTIONAL WITH SHEAR SCREW INSTALLATION			
16	SK1031	GALV. 16 GA. STEEL INSTALLATION CLIP (Fy = 33 KSI MIN.)	GALVANIZED STEEL, INC. MAX. 4" FROM CORNERS & 12" O.C.			
17	PF1009	OPERATOR COVER	SEE NOTE 1 THIS SHEET.			
18	PF1026	0.415" X 0.489" RAINSKIRT	SCHLEGEL: EXTRUDED FLEXIBLE COPOLYMER			
19	PF1012	LINEAL SCREEN STOP	SEE NOTE 1 THIS SHEET.			
20	_	OPEN				
21		CONCEALED MULTI-POINT LOCK	MIRAGE 16 SERIES MULTI-POINT SYSTEM			
22	SK1002	KML S.S. BUTT HINGE	FOR USE WITH ALL WINDOW SHAPES			
23		SINGLE ARM OPERATOR	TRUTH HARDWARE ENTRYGUARD OR EQUAL			
		FASTE	ENERS			
24A	_	#10 SMS JAMB SHEAR SCREW	WITHIN 4" FROM CORNERS & MAX. 12" O.C.			
24B		#10 SMS JAMB SHEAR SCREW	1 ADDITIONAL EA. SIDE OF MULLION ENDS			
25		#8 x 5/8" PAN HEAD SMS SCREW	2 PER CLIP INTO JAMB			
26	_	#6 X 1 5/8" SMS SCREW	WITHIN 3" FROM CORNERS & MAX. 8" O.C.			
27	-	#8 x 1 1/4" SMS SCREW	2 PER CLIP INTO BUCK (1 EA. SIDE OF BUCK)			
28	-	S.S. #8 x 1 1/4" SMS SCREW OR 1 5/8" DRYWALL SCREWS	WITHIN 4" FROM ENDS & MAX. 10 1/2" O.C. WITH FIN			
29	_	#6 x 3/4" SMS SCREW	WITHIN 3" FROM CORNERS & 8" O.C.			

MATERIAL LIST						WN B		DATE: 09/25/00	
NO. NO. NO. NO. NO. NO. SCENETION NO. NO. SUBSCRIPTION NO. N		MATERIAL LIST						Y: DATE:	
30A			DESCRIPTION	NOTES	F	Т	PLOT:	ULL.	
308 - #8 x 1" SMS SCREW		-	#8 x 1 1/4" SMS SCREW 4"	FROM CORNERS & 8" O.C. (AT RADIAL SASH STOPS)	ATE				
30C	30B	-		FROM CORNERS & 8" O.C. (AT LINEAL SASH STOPS)	H	4			
31A	30C	_	F-14 X 1 5/8" BRAD NAILS	2 @ 4" FROM CORNERS & 8" O.C. @ SIDES	βÁ				
30 - #8 x 2 SMS SCREW 3	31A			5 PER HINGE LEAF INTO SASH (S/S OR BRASS)	z				
30 - #8 x 2 SMS SCREW 3	31B	-	10-24 FH MACH SCREW W/T-NUT	2 PER HINGE LEAF INTO JAMB (S/S OR BRASS)	RIPTI				
30 - #8 x 2 SMS SCREW 3	31C	-	#10 x 3" SMS SCREW	2 PER HINGE LEAF INTO BUCK (S/S OR BRASS)	DES(
30 - #8 x 2 SMS SCREW 3	32	<u>-</u>	3/8" LONG STAPLE	WITHIN 3" FROM CORNERS & MAX. 8" O.C	VISION				
35	33	_	#8 x 2" SMS SCREW	3 @ EACH RECTANGULAR JAMB CORNER	æ				
36	34	-	#8 x 1 1/2" SMS SCREW	3 @ EACH RADIUS JAMB CORNER	Ö.				
37 - JAMB JACK III TRUTH HARDWARE NO. 21150: @ HINGE JAMB 1 WITH EA. JAMB JACK SCREW 38 - JAMB JACK III SCREW TRUTH HARDWARE NO. 21171: @ HINGE JAMB 3.15" LONG; 1 PER WINDOW @ SHAPED UNITS SEALANTS 40 - DOW 995 SILICONE 41 - STRUCTURAL SILICONE ADHESIVE DOW 1199 CONTINUOUS CLADDING TO JAMB OTHER 42 - NORTON NORGLAZE 0.0625" X .437" GLAZING TAPE 43 - TREMCO 440 BUTYL TAPE GASKET CLAD CORNERS) ONDO 3/8" LAMINATED TEMPERED GLASS "DUPONT PVB WITH DLUBAK STEP" 45 - 3/8" LAMINATED TEMPERED GLASS "DUPONT PVB WITH DLUBAK STEP" 45 - 3/8" LAMINATED HEAT STR. GLASS 1/8" ANNEALED/0.06 RESIN/0.01 P.E.T./	35	_	#6 x 3/4" SMS SCREW	2 @ EACH CLAD CORNER INTO CLAD SPLINES				<u> </u>	
TRUTH HARDWARE NO. 21150: @ HINGE JAMB 1 WITH EA. JAMB JACK SCREW 38 - JAMB JACK III SCREW TRUTH HARDWARE NO. 21171: @ HINGE JAMB 3.15" LONG; 1 PER WINDOW @ SHAPED UNITS SEALANTS 40 - DOW 995 SILICONE FOR 1/2" GLAZING BITE 41 - STRUCTURAL SILICONE ADHESIVE DOW 1199 CONTINUOUS CLADDING TO JAMB OTHER 42 - NORTON NORGLAZE POLYOLEFIN FOAM W/ ACRYLIC ADHESIVE 43 - TREMCO 440 BUTYL TAPE GASKET TRIM OFF AT EDGES (TYP. AT JAMB & SASH CLAD CORNERS) 44 - 3/8" LAMINATED TEMPERED GLASS "DUPONT PVB WITH DLUBAK STEP" 45 - 3/8" LAMINATED HEAT STR. GLASS 1/8" ANNEALED/0.06 RESIN/0.01 P.E.T./	36	_	16 GA. x 1 1/2" LONG STAPLE	1 @ EXTERIOR SIDE OF SASH STILE & RAIL MORTISE & TENON CONNECTION	, האחר ה	UAUL		N5Z4	
SEALANTS SEALANTS SEALANTS SEALANTS A	37		JAMB JACK III	· •			Š.	SOURT	
SEALANTS 40 - DOW 995 SILICONE FOR 1/2" GLAZING BITE 41 - STRUCTURAL SILICONE ADHESIVE DOW 1199 CONTINUOUS CLADDING TO JAMB OTHER 42 - NORTON NORGLAZE P.0625" X .437" GLAZING TAPE 43 - TREMCO 440 BUTYL TAPE GASKET CLAD CORNERS) TOWNORD TO JAMB & SASH CLAD CORNERS) 44 - 3/8" LAMINATED TEMPERED GLASS "DUPONT PVB WITH DLUBAK STEP" 45 - 3/8" LAMINATED HEAT STR. GLASS 1/8" ANNEALED/0.06 RESIN/0.01 P.E.T./	38	-	JAMB JACK III SCREW		400	MINDOM	۱ ـ		
41 - STRUCTURAL SILICONE ADHESIVE DOW 1199 CONTINUOUS CLADDING TO JAMB OTHER 42 - NORTON NORGLAZE .0625" X .437" GLAZING TAPE 43 - TREMCO 440 BUTYL TAPE GASKET CLAD CORNERS) CONDON. COND	[.		SE	ALANTS		- 1		NTA NTA 168	
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42			ОТ	HER		_	MANUE	<u>N</u>	
CLAD CORNERS) 44 - 3/8" LAMINATED TEMPERED GLASS "DUPONT PVB WITH DLUBAK STEP" 45 - 3/8" LAMINATED HEAT STR. GLASS 1/8" ANNEALED/0.06 RESIN/0.01 P.E.T./	42	<u>-</u>		POLYOLEFIN FOAM W/ ACRYLIC ADHESIVE	9	EKAB[4903	
44 - 3/8" LAMINATED TEMPERED GLASS "DUPONT PVB WITH DLUBAK STEP" 45 - 3/8" LAMINATED HEAT STR. GLASS NEBULA GLASSLAM SAFETY-PLUS 46 - 1/8" THICK TEMPERED GLASS 47 PF1013 FRAME WEATHERSEAL 1/8" TEMPERED/0.120 PVB/1/8" TEMPERED 1/8" TEMPERED/0.120 PVB/1/8" TEMPERED 1/8" ANNEALED/0.06 RESIN/0.01 P.E.T./ 0.06 RESIN/ 1/8" ANNEALED WONSANTO "SANTOPRENE": FOAMED ELASTOMERIC	43	-	TREMCO 440 BUTYL TAPE GASKET	CLAD CORNERS)		_	GINEE	P.A. JITE 203B L 33403 561-775-	
45 - 3/8" LAMINATED HEAT STR. GLASS NEBULA GLASSLAM SAFETY-PLUS 0.06 RESIN/ 1/8" ANNEALED 46 - 1/8" THICK TEMPERED GLASS 47 PF1013 FRAME WEATHERSEAL MONSANTO "SANTOPRENE": FOAMED ELASTOMERIC	44	-	3/8" LAMINATED TEMPERED GLASS "DUPONT PVB WITH DLUBAK STEP"				FR FA	JLTING, DRIVE; SL ARDENS, F	
46 - 1/8" THICK TEMPERED GLASS 47 PF1013 FRAME WEATHERSEAL MONSANTO "SANTOPRENE": FOAMED ELASTOMERIC	45	_		1			SCHAFF	CONSI SANDTREE BEACH G	
47 PF1013 FRAME WEATHERSEAL MONSANTO "SANTOPRENE": FOAMED ELASTOMERIC	46		1/8" THICK TEMPERED GLASS		JC TIT	Ž V	KTAN	800 ×	
In a light the second s	47	PF1013	FRAME WEATHERSEAL	MONSANTO "SANTOPRENE": FOAMED ELASTOMERIC	RAWIN	ALC!	DSNO:	- HOOHa	

ALL WOOD USED WITH TESTED UNITS IS MINIMUM GRADE 2 PONDEROSA PINE (JAMBS ARE 5-BLOCK LAMINATED STAGE BLOCK). ALTERNATE WOOD SPECIES ACCEPTABLE WITH THIS PRODUCT ARE THE FOLLOWING MINIMUM GRADE 2 WOODS: (JAMBS MUST BE 5-BLOCK LAMINATED):

- 1. MAHOGANY
- 2. OAK 3. CHERRY
- 4. CYPRUS
- 5. DOUGLAS FIR
- 6. MAPLE
- 7. TEAK

ACCEPTANCE NO.00-1030-05

DRAWING NO. | RE | 1003C | SHEET NO. | 10 | 0F | 10